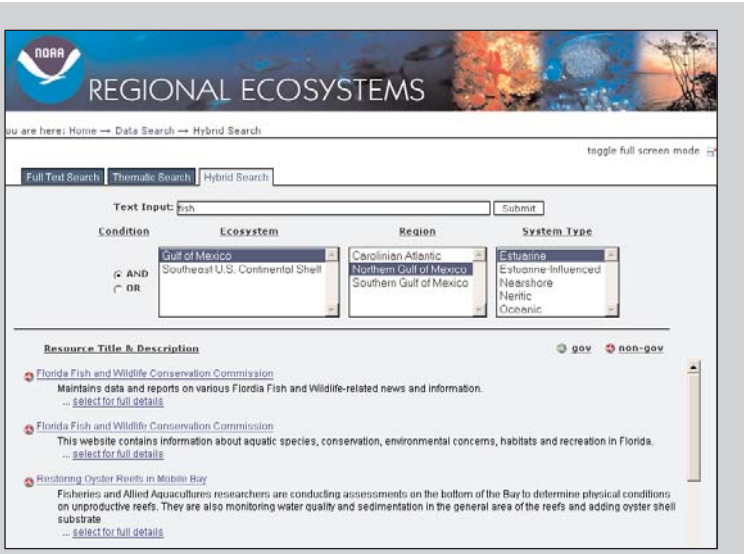
Northern Gulf of Mexico Data Services Pilot (SIMOR)

National Coastal Data Development Center

www.ncddc.noaa.gov

The Subcommittee on Integrated Management of Ocean Resources (SIMOR) was formed, in part, to address the challenges in the development and use of "best practices" for establishing science-based management tools, strategies and information to improve ocean, coastal, and Great Lakes resource management (SIMOR Work Plan March, 2006). Twenty-one pilot projects were created to further SIMOR initiatives including Action #16 The Northern Gulf of Mexico Data Services Pilot. Federal agencies (NOAA, NASA, EPA Gulf of Mexico Program, Naval Research Laboratory-Stennis (NRL), and USGS) working with state and academic partners in the Gulf will provide access to ecosystem metadata, data and data services through a common portal, enabling discovery and access to data through a semantic data catalog, and geospatially-enabling the data for Internet display.

An active Memorandum of Agreement between NOAA NESDIS and Mississippi Department of Marine Resources (MDMR) is the venue for joint federal/state ecosystem data services and will be used as the foundation for expanding integrated ecosystem data management into Alabama, Florida, Louisiana, and Texas. In the first year of planning, this website and the joint NOAA/MDMR website http://www.ncddc.noaa.gov/website/MS_DMR/viewer.htm serve as portals for data discovery and access to data sets originating with external partners including the MDMR, University of Southern Mississippi, Louisiana State University Coastal Studies Institute, Gulf Coast Geospatial Center, and Dauphin Island Lab, Alabama. The one-year schedule for the data pilot integrates Essential Fish Habitat (EFH), Critical Habitat, Regulatory Boundaries, Commercial and Recreational Catch and Landing data (Southeast Fisheries Science Center); Water Quality and Nutrients Data (EPA Gulf of Mexico Program); the Coastal Change and Analysis Program products and services for the Gulf of Mexico and National Elevation Data (USGS-NOAA/CSC); Oyster Habitat data (MDMR); Methyl Mercury data (LSU); Observational data streams from the Gulf of Mexico Coastal and Ocean Observing System (GCOOS); and Optical Water Properties and Modeling Products (NRL). The co-leads for this pilot are NOAA's National Coastal Data Development Center (NESDIS) and Southeast Fisheries Science Center (NMFS).



The Semantic Catalog features three types of search utilities, above is an example of a full text search with qualifiers. A single entry field allows users to enter text or boolean expressions. Then choosing from lists the user can specify core CMECS facets to hone in on a result. The result sets are ordered by relevance ranking order.

For more information:

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- Please visit our website: **ecowatch.ncddc.noaa.gov/simor**